

Figure 1

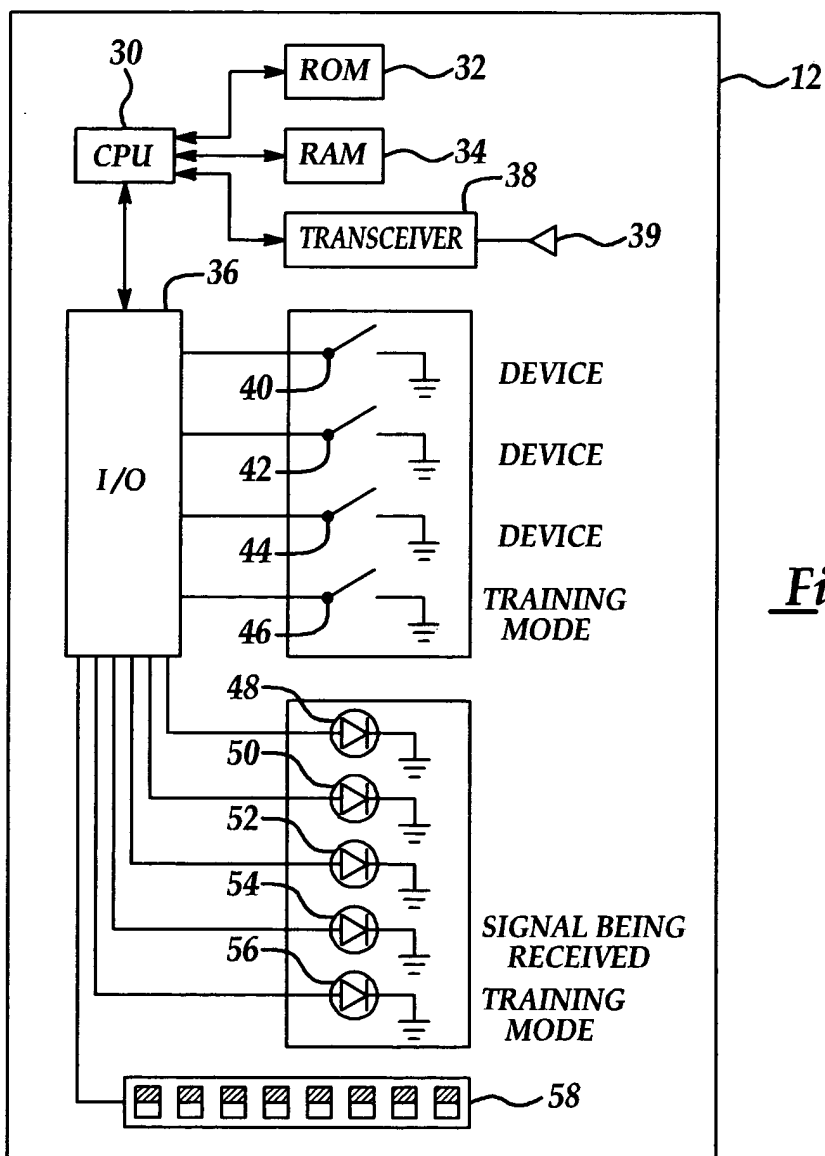
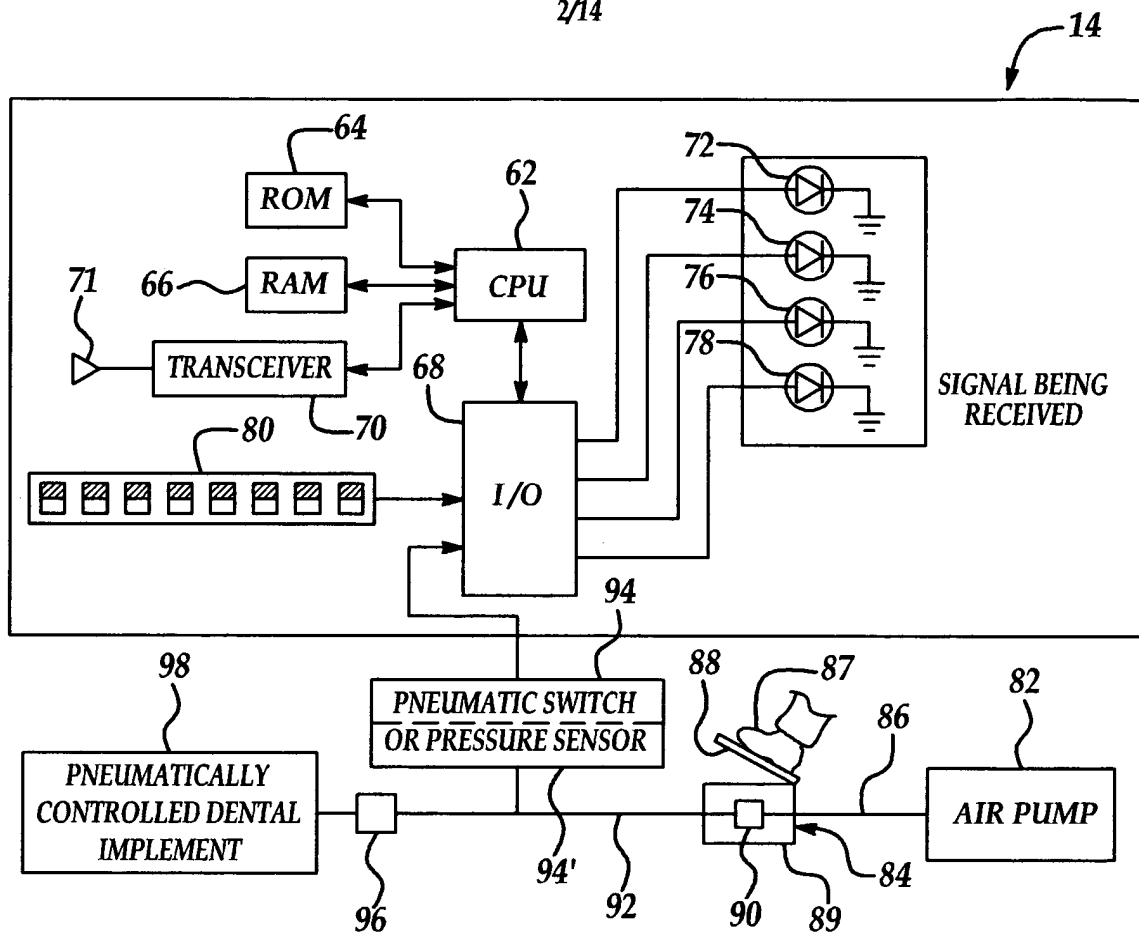
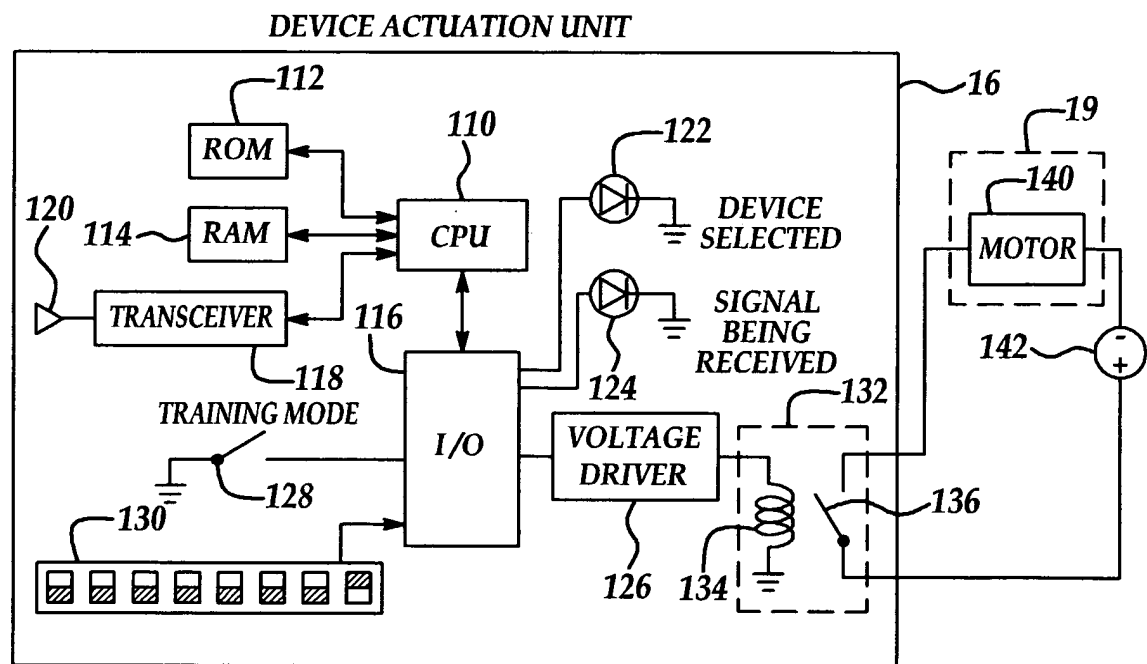


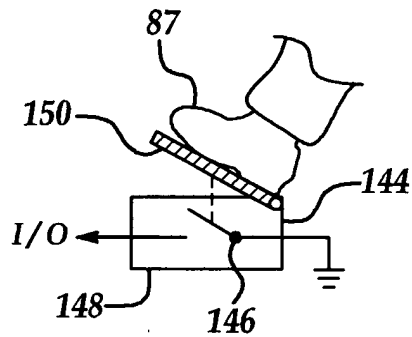
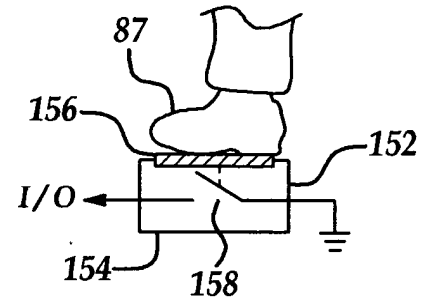
Figure 2



**Figure 3**



**Figure 4**

Figure 5Figure 6

TRAINING MODE MESSAGE TRANSMITTED FROM HAND-HELD UNIT TO DEVICE ACTUATION UNIT

HAND-HELD ID	MESSAGE LENGTH (# OF BYTES)	DEVICE ACTUATION UNIT ID	TRAINING MODE CODE	CHECKSUM
11111111	00000101	00000001	11110000	11110001

Figure 7A

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ACKNOWLEDGEMENT MESSAGE TRANSMITTED FROM DEVICE ACTUATION UNIT  
TO HAND-HELD UNIT AFTER DEVICE ACTUATION UNIT RECEIVES TRAINING MODE MESSAGE

HAND-HELD ID	MESSAGE LENGTH	DEVICE ACTUATION UNIT ID	DEVICE ACTUATION UNIT ID	CHECKSUM
11111111	00000101	00000001	00000001	00000010

Figure 7B

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DEVICE SELECTION MESSAGE TRANSMITTED FROM HAND-HELD UNIT TO  
FOOT-PEDAL CONTROL SYSTEM TO SELECT DEVICE

HAND-HELD ID	MESSAGE LENGTH	DEVICE ACTUATION UNIT ID	CHECKSUM
11111111	00000100	00000001	00000001

Figure 8A

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ACKNOWLEDGEMENT MESSAGE TRANSMITTED FROM FOOT PEDAL CONTROL SYSTEM TO HAND-HELD  
UNIT AFTER FOOT-PEDAL CONTROL SYSTEM RECEIVES DEVICE SELECTION MESSAGE

HAND-HELD ID	MESSAGE LENGTH	DEVICE ACTUATION	DEVICE ACTUATION	CHECKSUM
		UNIT ID	UNIT ID	
11111111	00000100	00000001	00000001	00000010

Figure 8B

176

DEVICE ACTUATION MESSAGE TRANSMITTED FROM FOOT PEDAL CONTROL SYSTEM  
TO DEVICE ACTUATION UNIT FOR "ON-OFF" CONTROL OF A DEVICE

HAND-HELD ID	MESSAGE LENGTH	DEVICE ACTUATION	ACTUATION CODE	CHECKSUM
		UNIT ID		
11111111	00000101	00000001	01010000	01010001

Figure 9

178

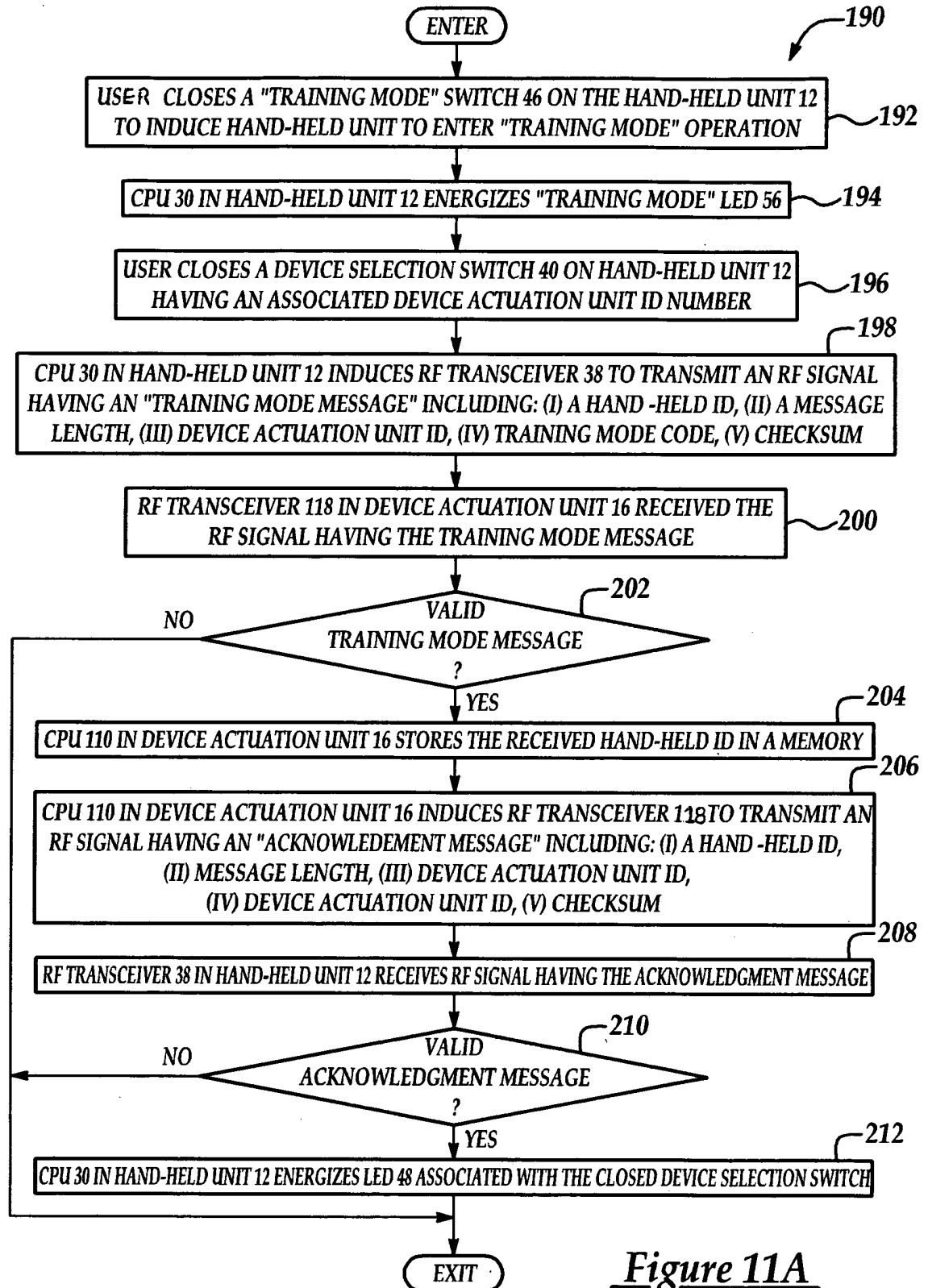
DEVICE ACTUATION MESSAGE TRANSMITTED FROM FOOT PEDAL CONTROL SYSTEM  
TO DEVICE ACTUATION UNIT FOR VARIABLE CONTROL OF A DEVICE

HAND-HELD ID	MESSAGE LENGTH	DEVICE ACTUATION	VARIABLE	COMMAND	CHECKSUM
		UNIT ID	ACTUATION CODE	CODE	
11111111	00000110	00000001	11110000	00000001	11110010

Figure 10

180

TRAINING METHOD TO TRANSMIT HAND-HELD UNIT ID FROM HAND-HELD TO A DEVICE ACTUATION UNIT



**Figure 11A**

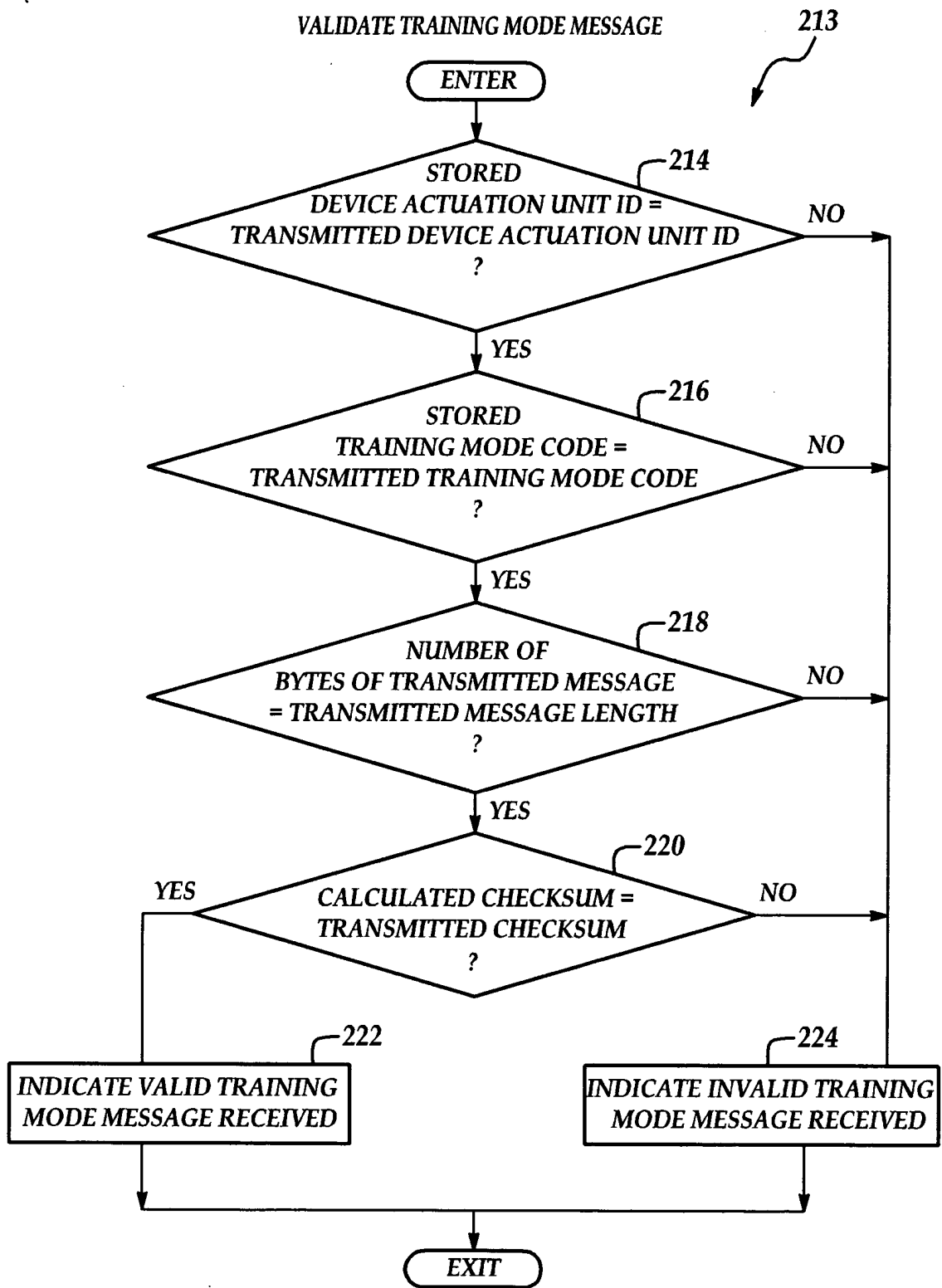
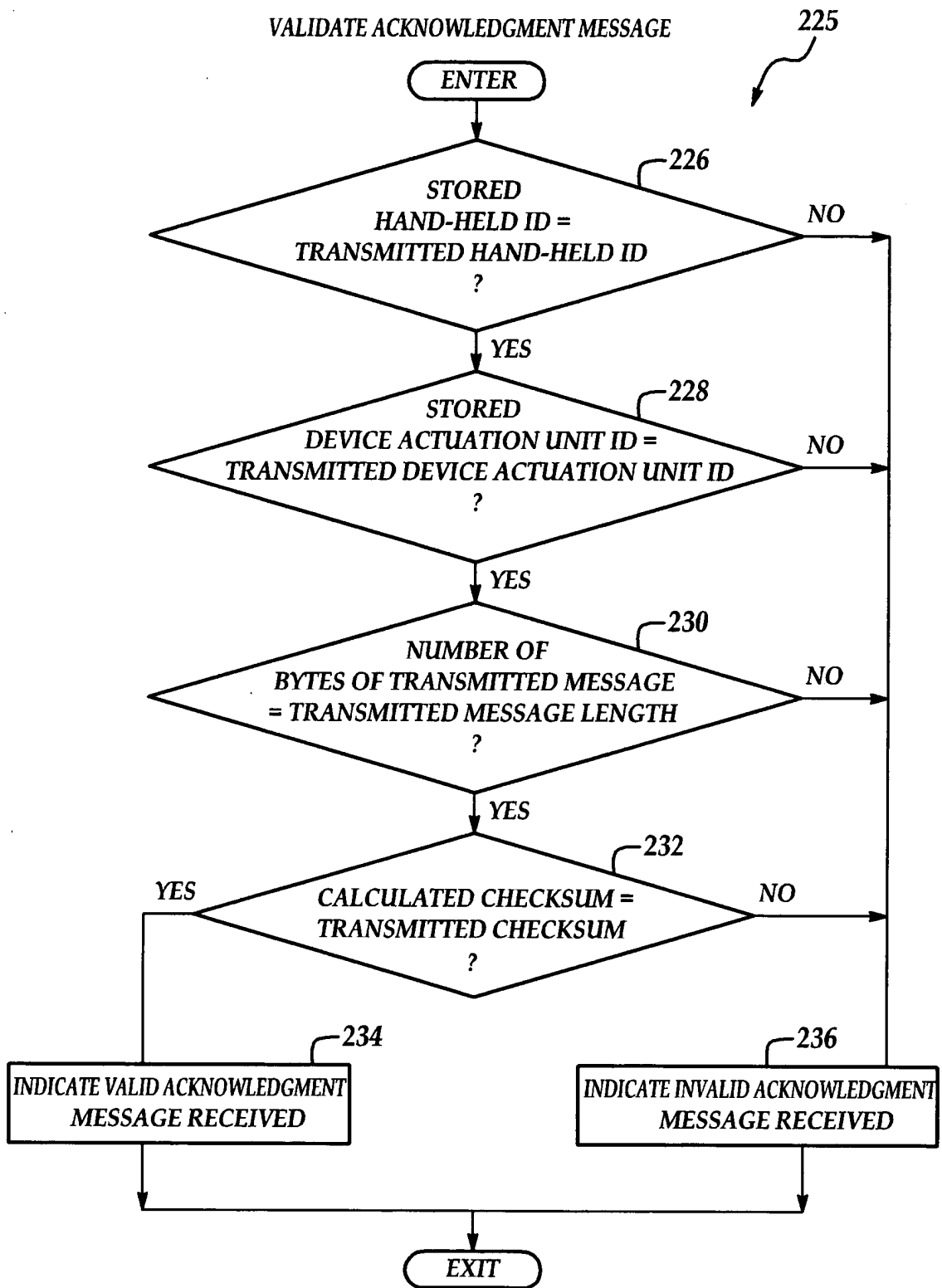
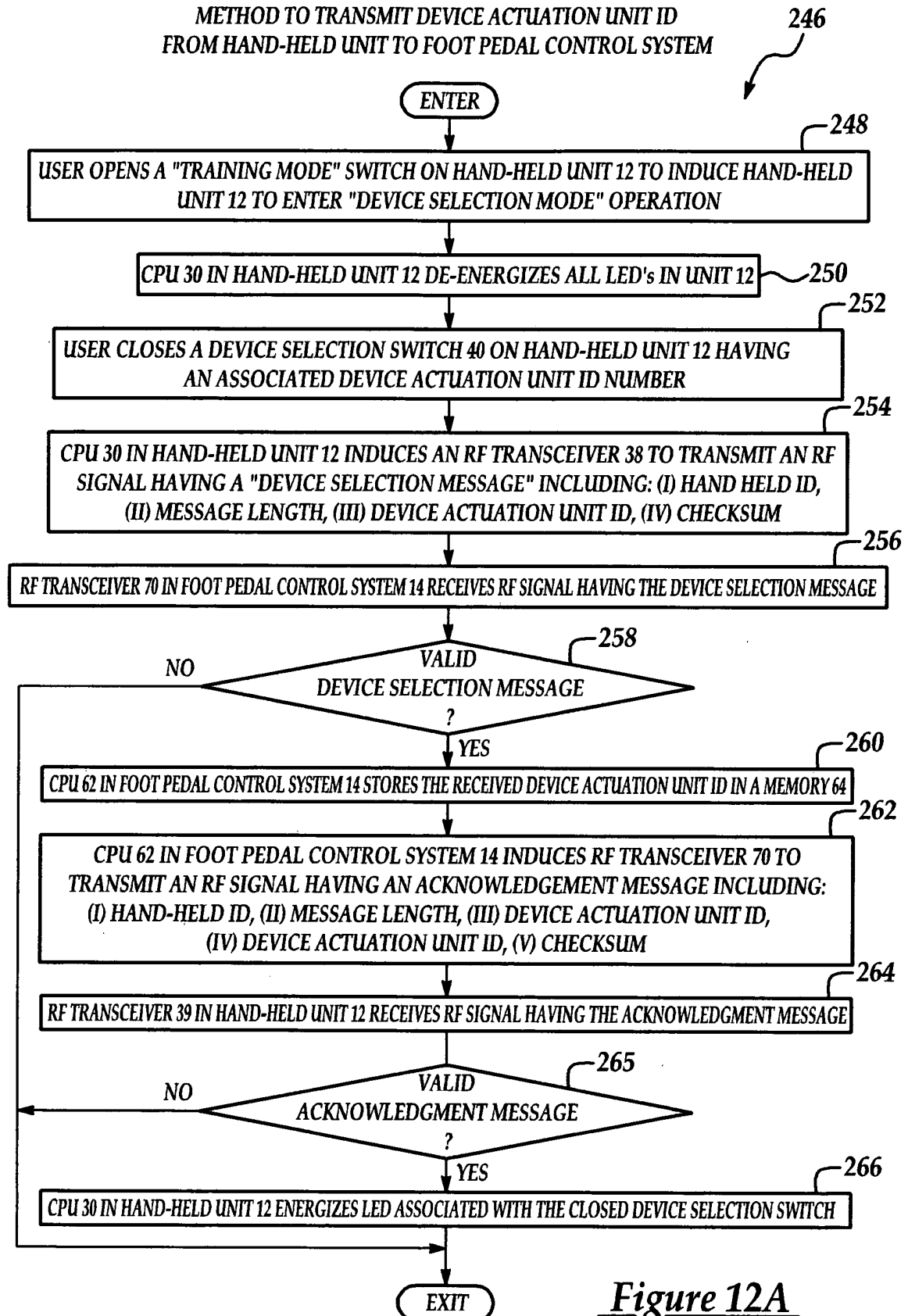


Figure 11B

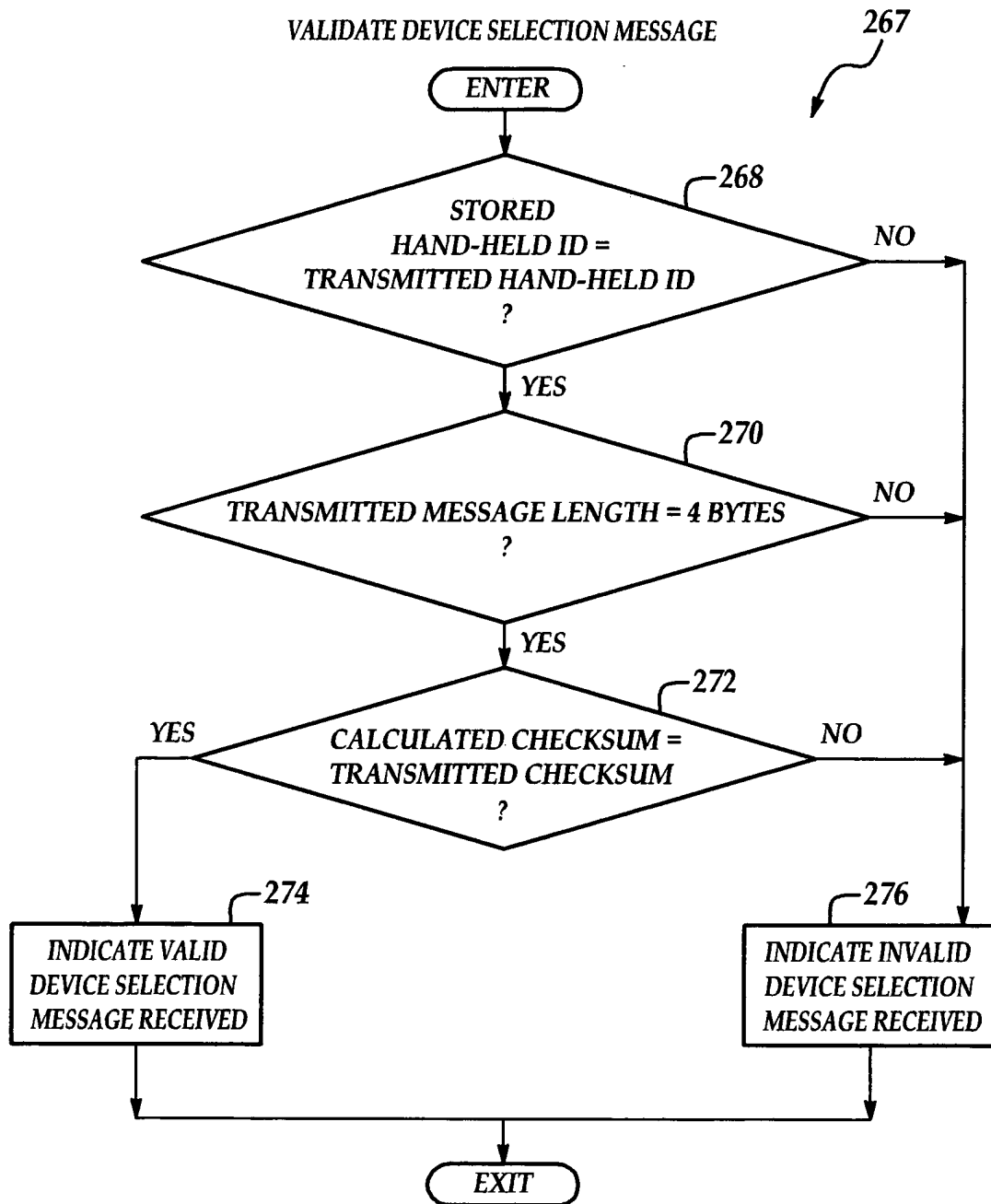
Figure 11C

METHOD TO TRANSMIT DEVICE ACTUATION UNIT ID  
FROM HAND-HELD UNIT TO FOOT PEDAL CONTROL SYSTEM



**Figure 12A**





**Figure 12B**

METHOD TO TRANSMIT AN ON-OFF CONTROL MESSAGE FROM  
FOOT PEDAL CONTROL SYSTEM TO A DEVICE ACTUATION UNIT

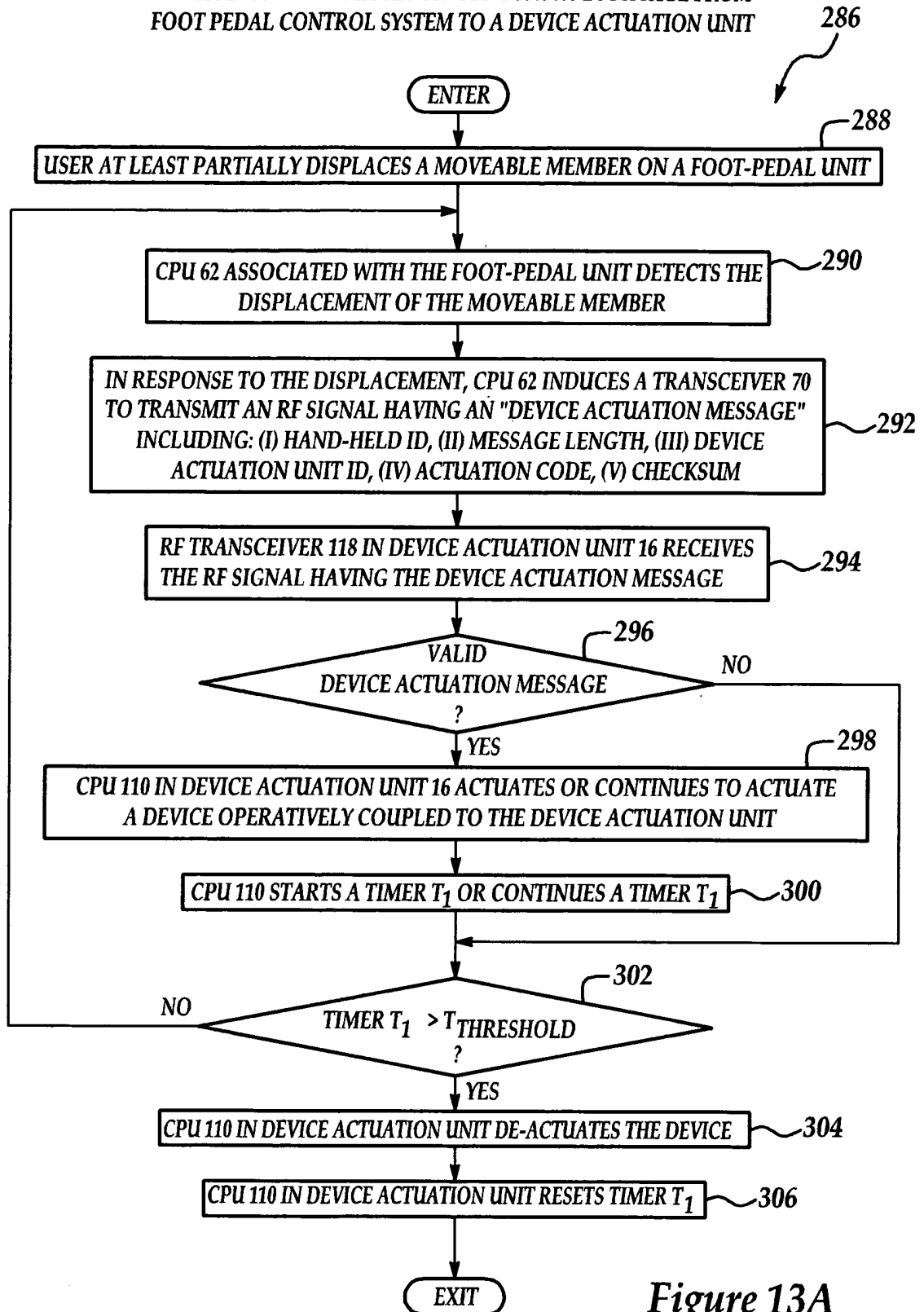
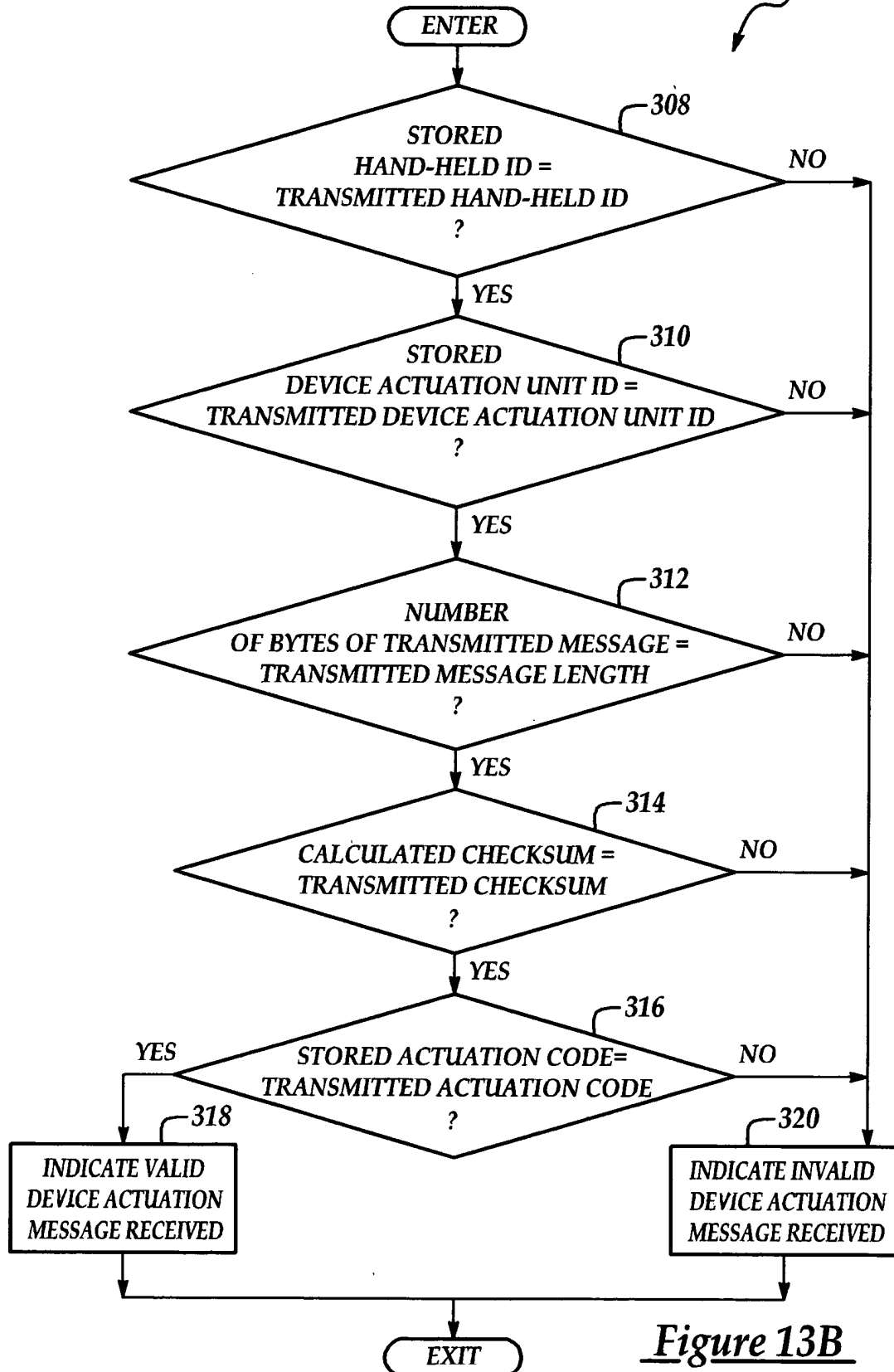
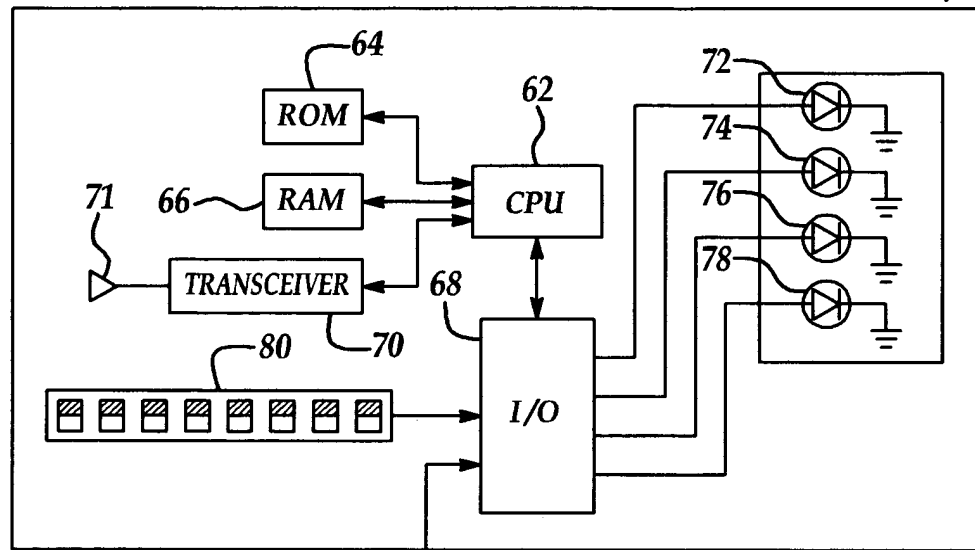
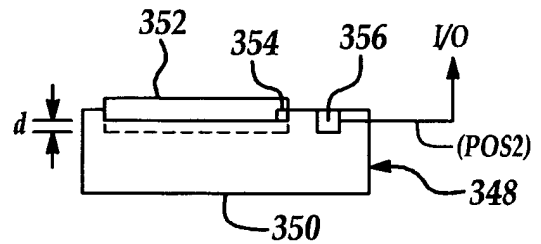
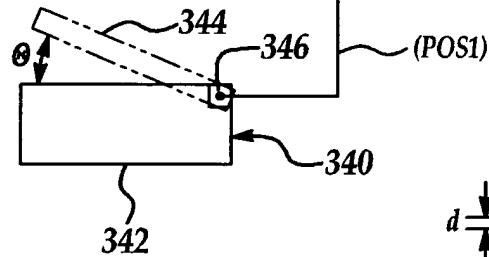


Figure 13A

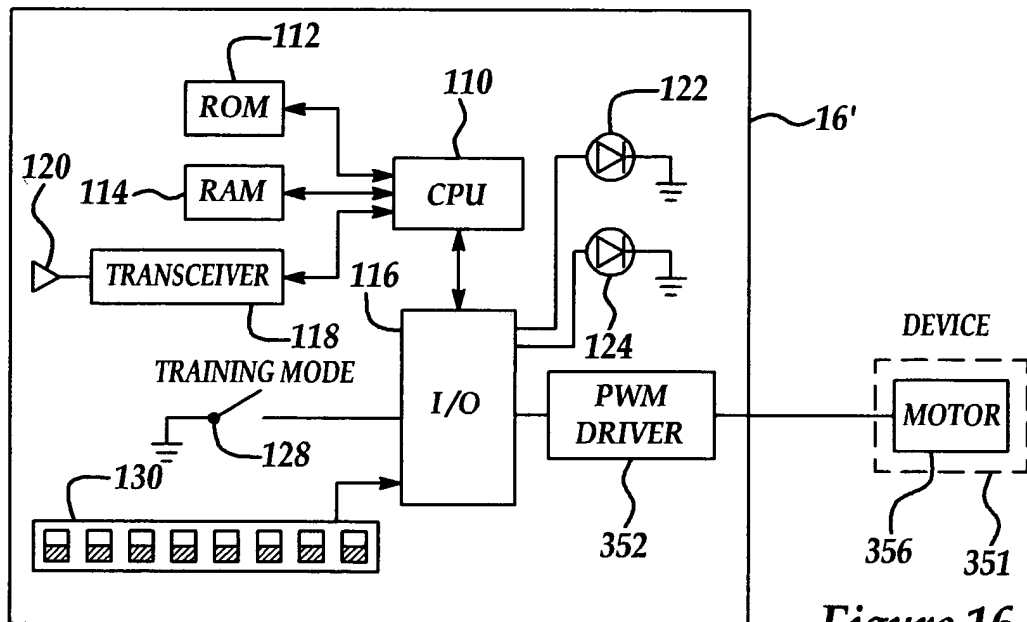
## VALIDATE "DEVICE ACTUATION MESSAGE"

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Figure 13B

Figure 14Figure 15

### DEVICE ACTUATION UNIT

Figure 16

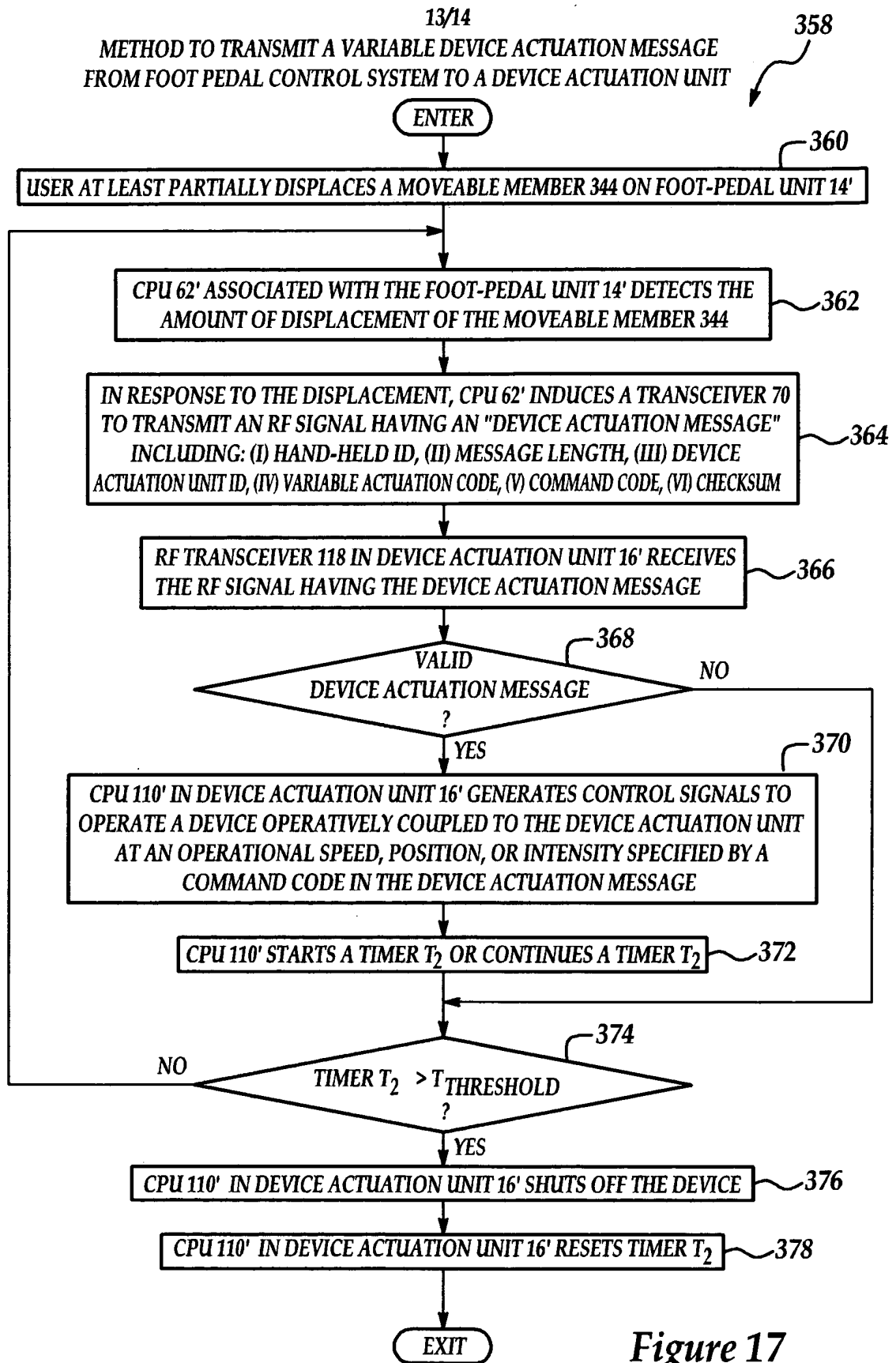


Figure 17

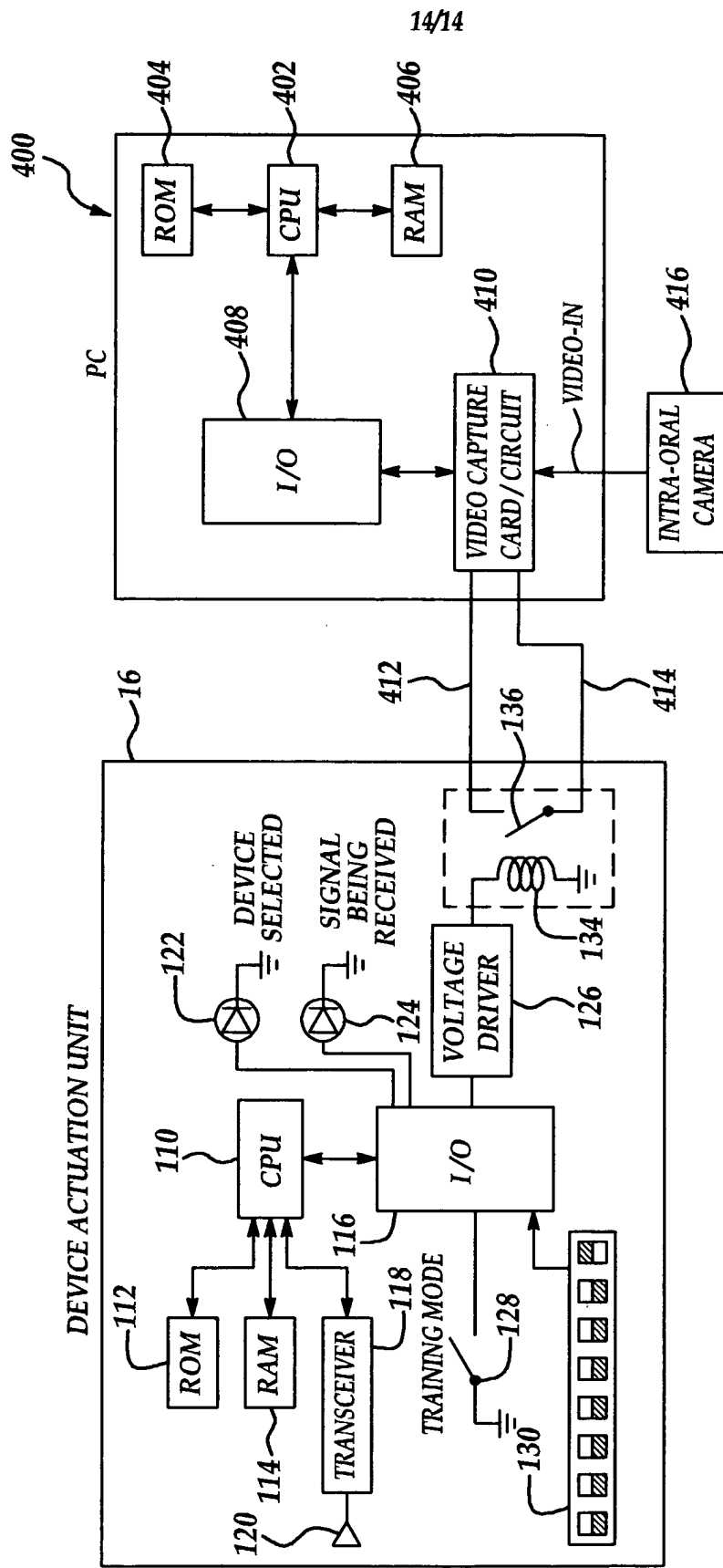


Figure 18